



# FEMA



Prepared by  
*Ansley Long*

# FEMA Region 6 Weather Threat Briefing

Thursday May 4, 2023

**Disclaimer:** The purpose of this briefing is to provide a **Regional** weather threat assessment and is meant as a general overview. County/Parish decision makers should consult their local NWS forecast offices for the latest detailed, local weather information. To find your local NWS forecast office, go to [www.weather.gov/srh](http://www.weather.gov/srh).



NWSSouthern

[www.weather.gov/srh](http://www.weather.gov/srh)



# Summary of the Upcoming Week

- **Slight Risk of severe thunderstorms over much of OK into N-SW TX today and a Slight risk for Ctrl TX on Friday. A marginal risk for N-SW TX and S OK on Saturday.**
- **Elevated to critical fire weather conditions over SW/Ctrl NM and Far W TX today, S/E NM and Far W TX Friday and Saturday.**
- **Marginal risk for isolated heavy rainfall / flash flooding in N TX-SW TX, OK, AR on Thursday and a slight risk for NE AR Friday.**
- **Minor river flooding is ongoing in E TX and S AR.**



# FEMA Region 6 Threat Matrix

May 4, 2023 - May 8, 2023

DAY / THREAT	Thu	Fri	Sat	Sun	Mon
Severe Storms	N-SW TX, OK	Ctrl TX	N-SW TX, S OK		
Heavy Rain / Flash Flooding	N-SW TX, OK, AR	NE AR			
Fire Weather	SW/Ctrl NM, Far W TX	S/E NM, Far W TX	S/E NM, Far W TX		
Tropical Winds / Surge					
River Flooding	S AR, ETX	S AR, ETX	S AR, ETX	S AR, ETX	S AR, ETX

	No Weather Threats Expected
	Very Common – Happens Often
	Common – Happens Frequently
	Uncommon – A Few Times a Year
	Rare – Once Every 1-5 Years
	Very Rare – Once Every 5-10 Years

*\*Threat levels are based on FEMA Region 6 criteria. State or local threat level criteria may differ.\**

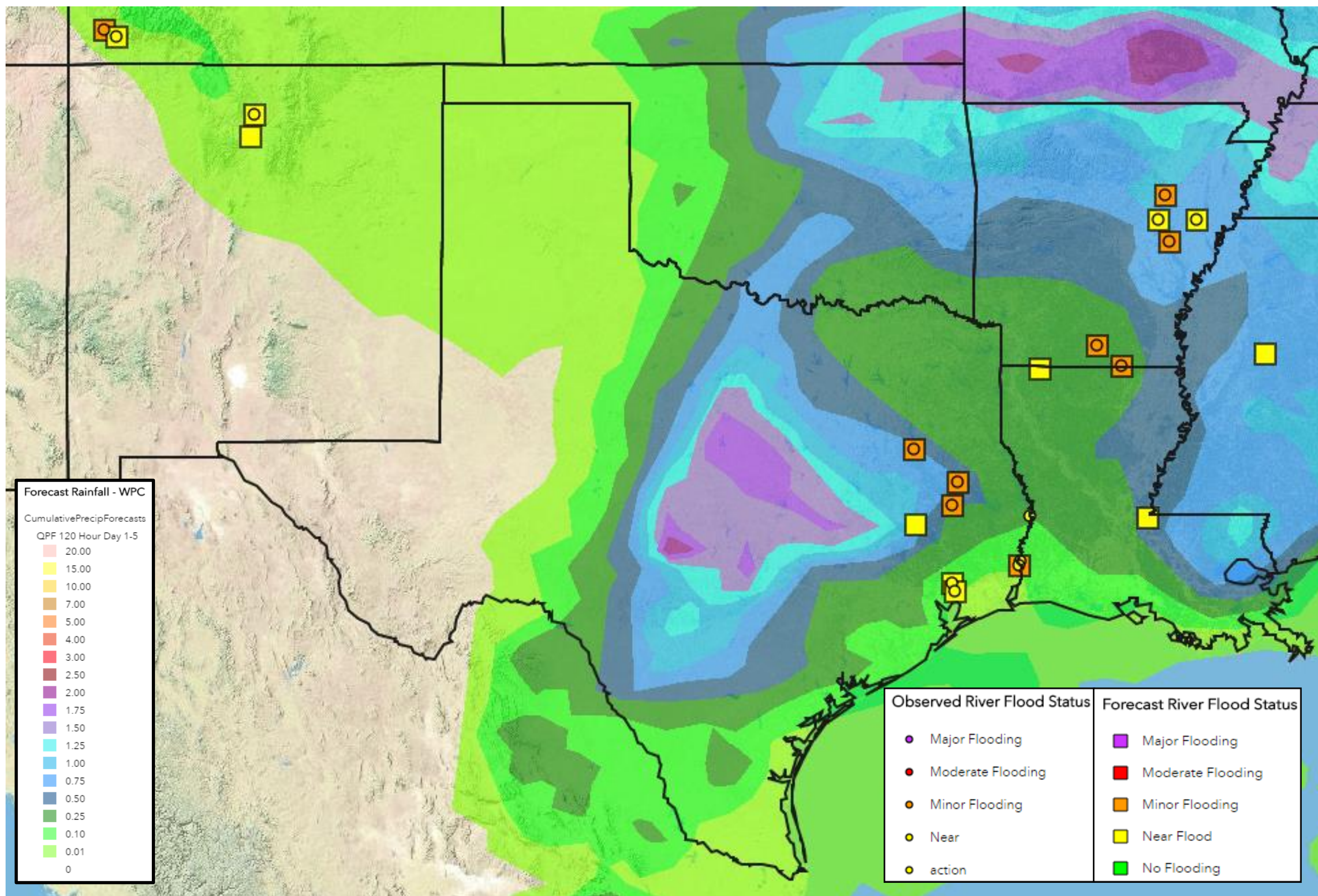
*For more details on the colors in the threat matrix refer to the last slide in this briefing.*





# 5-Day Precipitation Forecast & River Flood Status

*Note: Even though the image displays 5 days of forecasted rainfall, river forecasts only include 1-2 days of rainfall*



**Minor river flooding is ongoing in AR, E TX with no significant flooding impacts. Impacts are to secondary roads, agricultural areas, and/or recreational areas. Additional flooding possible with forecast rainfall.**

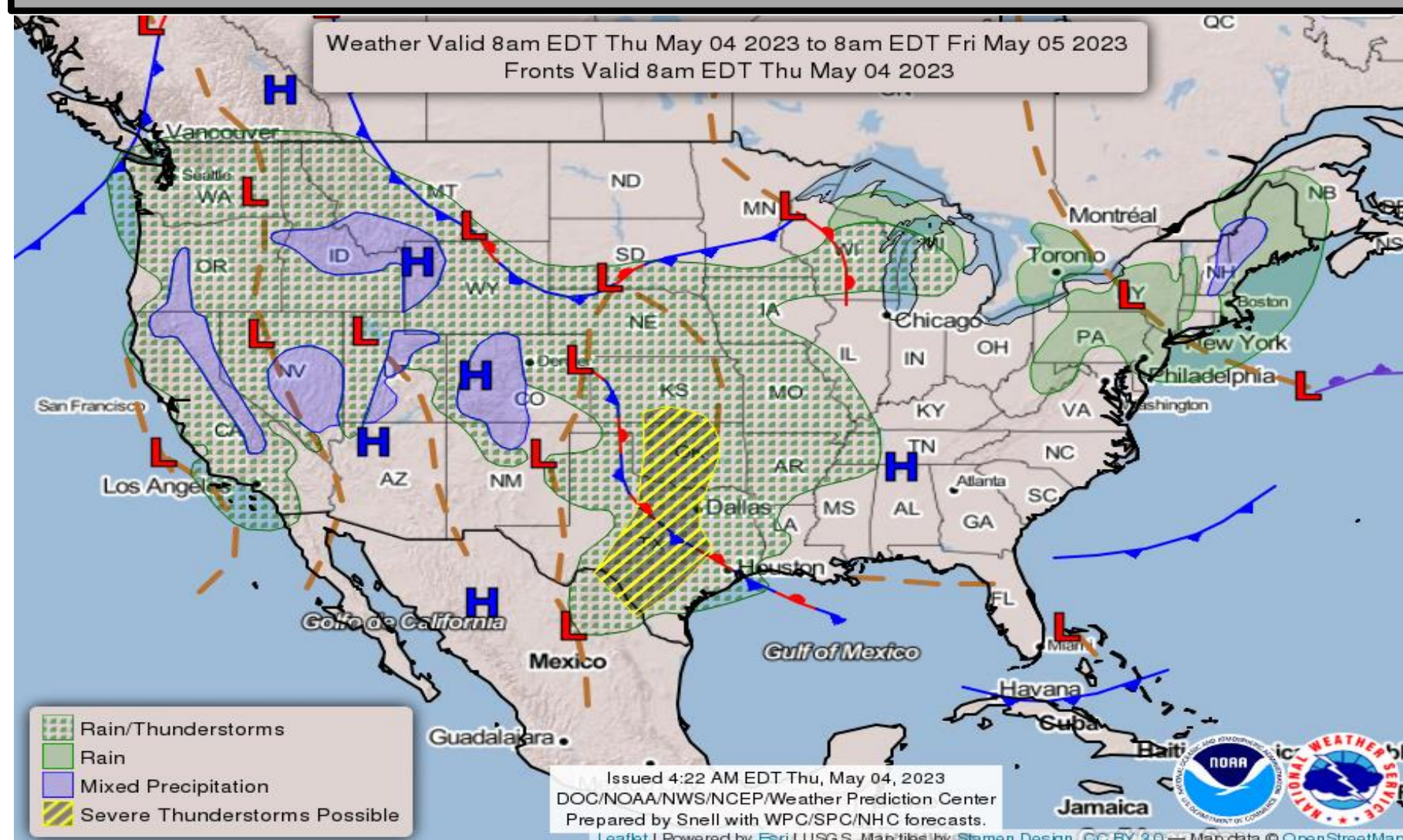
<http://water.weather.gov/ahps> for latest river flooding



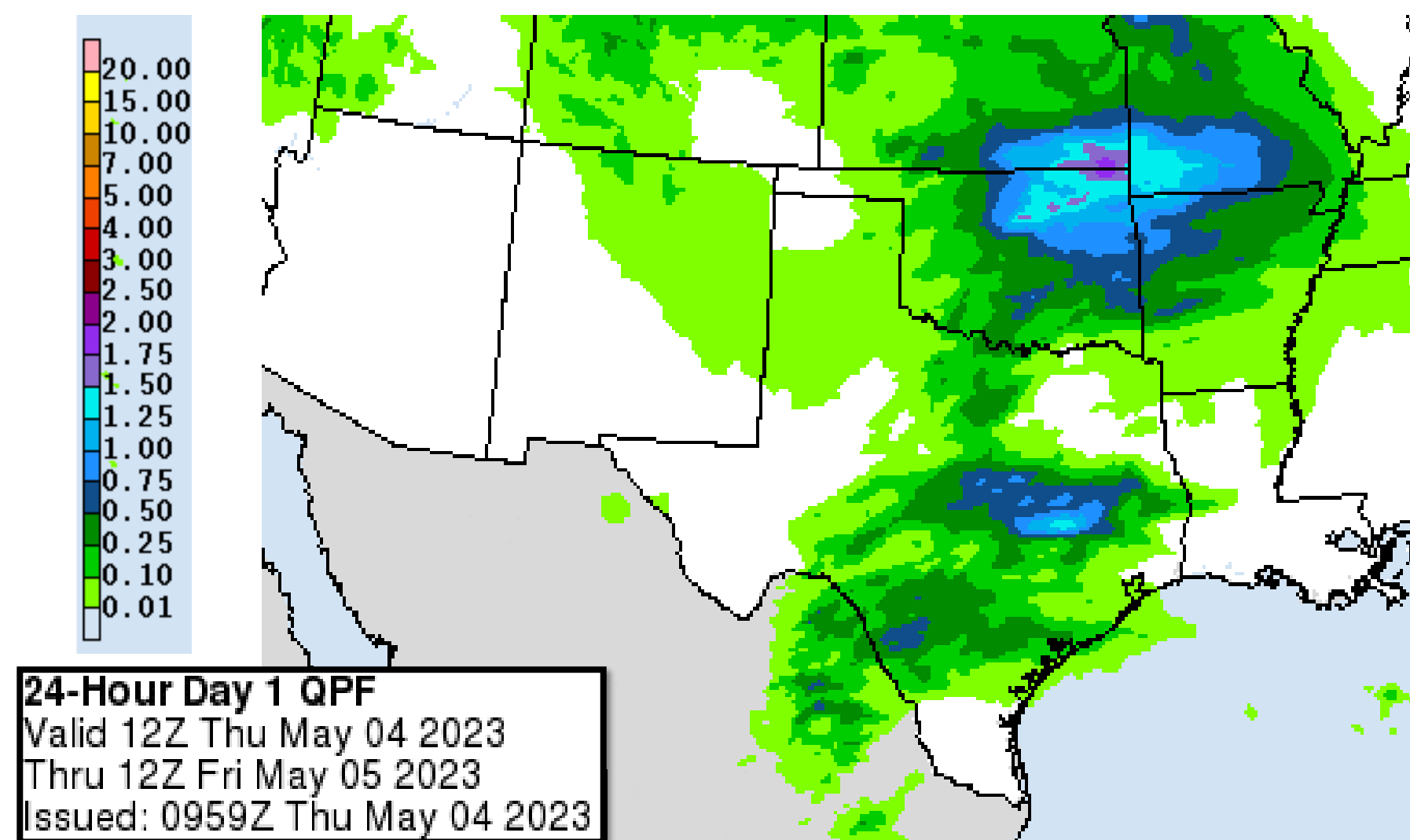


# Today's Weather

## Forecast Chart



## Forecast Rainfall

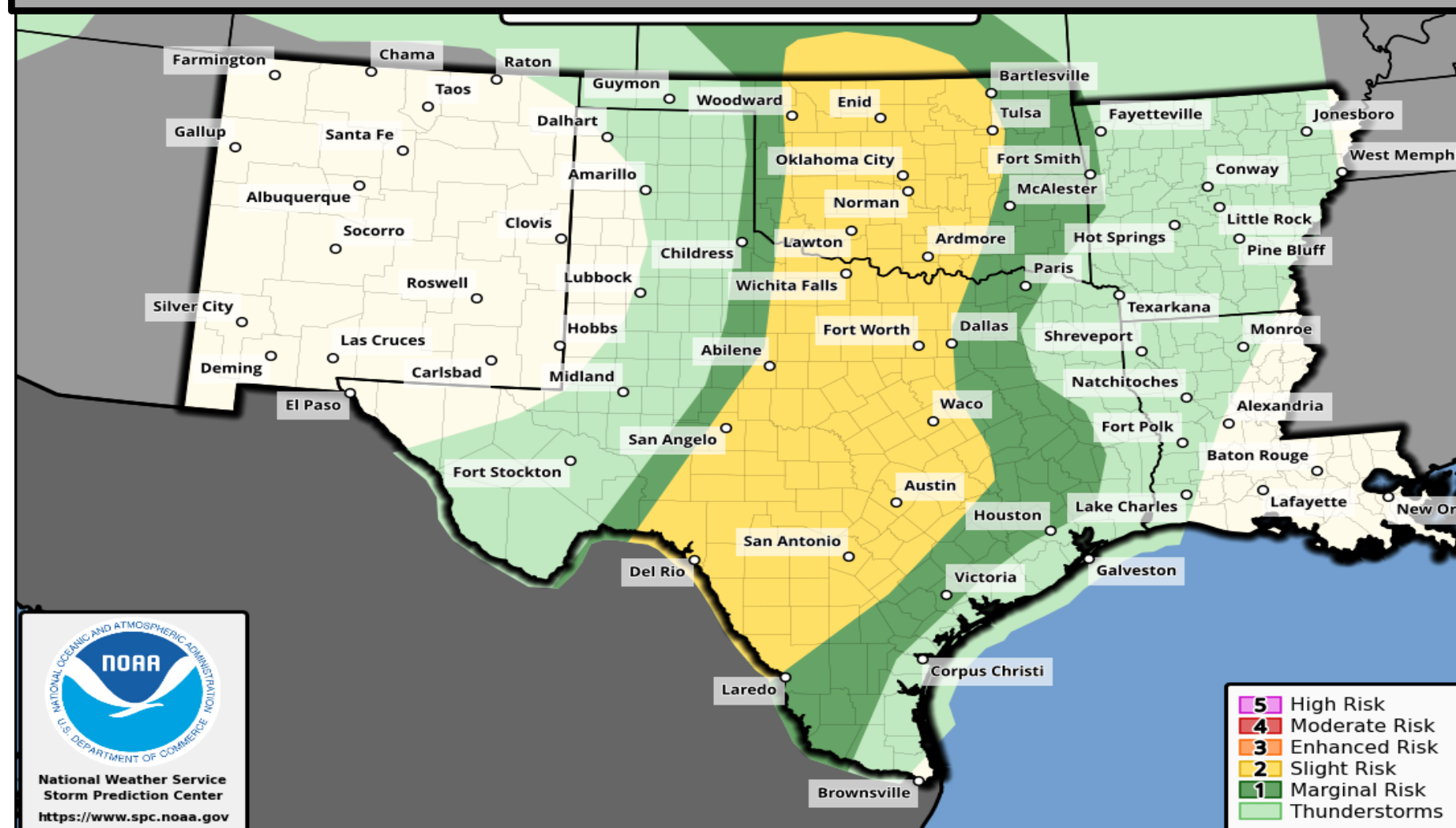


Slight risk of severe thunderstorms OK, N-SW TX. Large hail, damaging winds, and a few tornadoes will be possible.

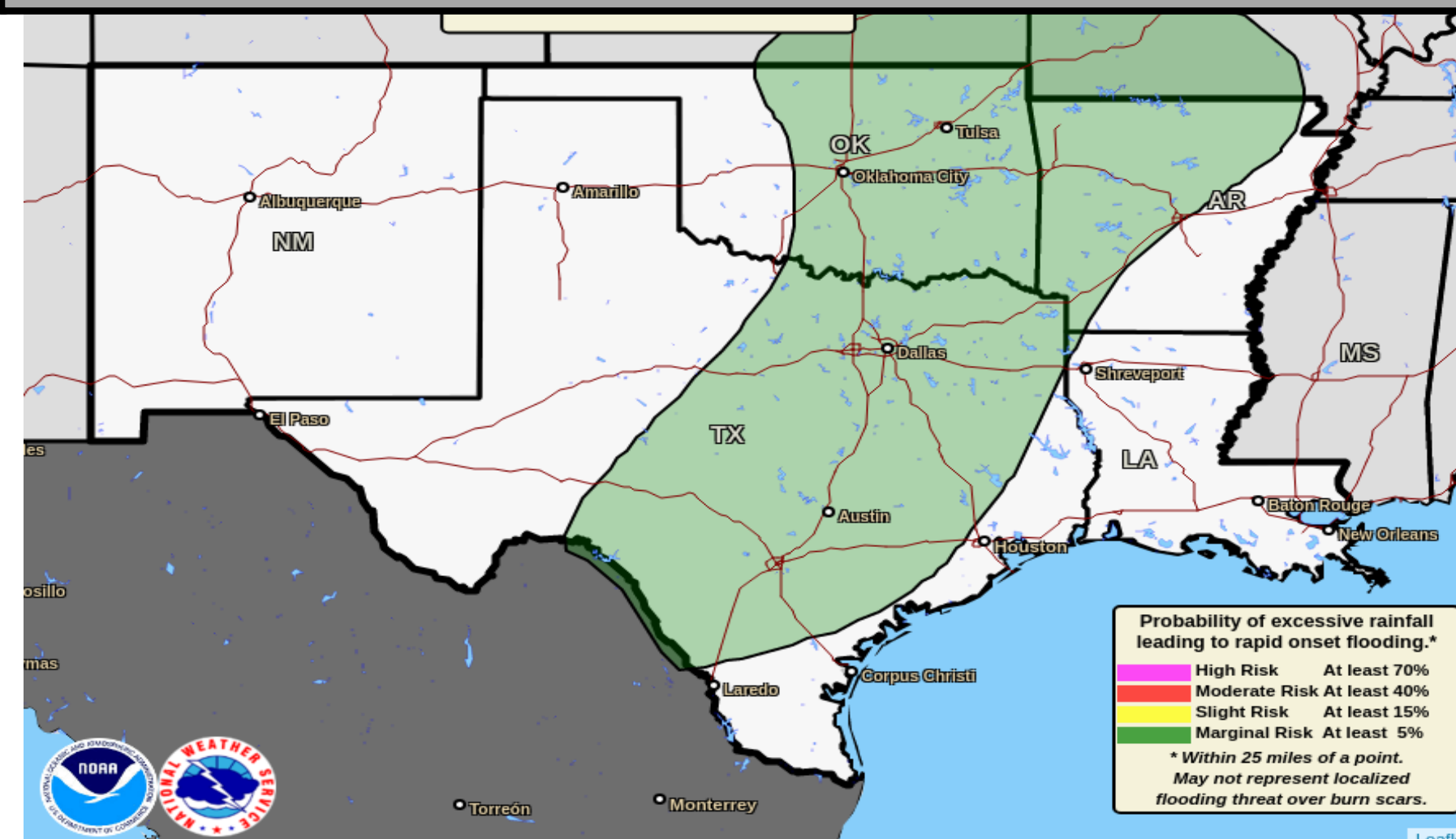
Isolated risk for heavy rainfall / flash flooding for N TX-SW TX, OK, AR

Elevated fire weather threat over SW/Ctrl NM

## Severe Weather Outlook



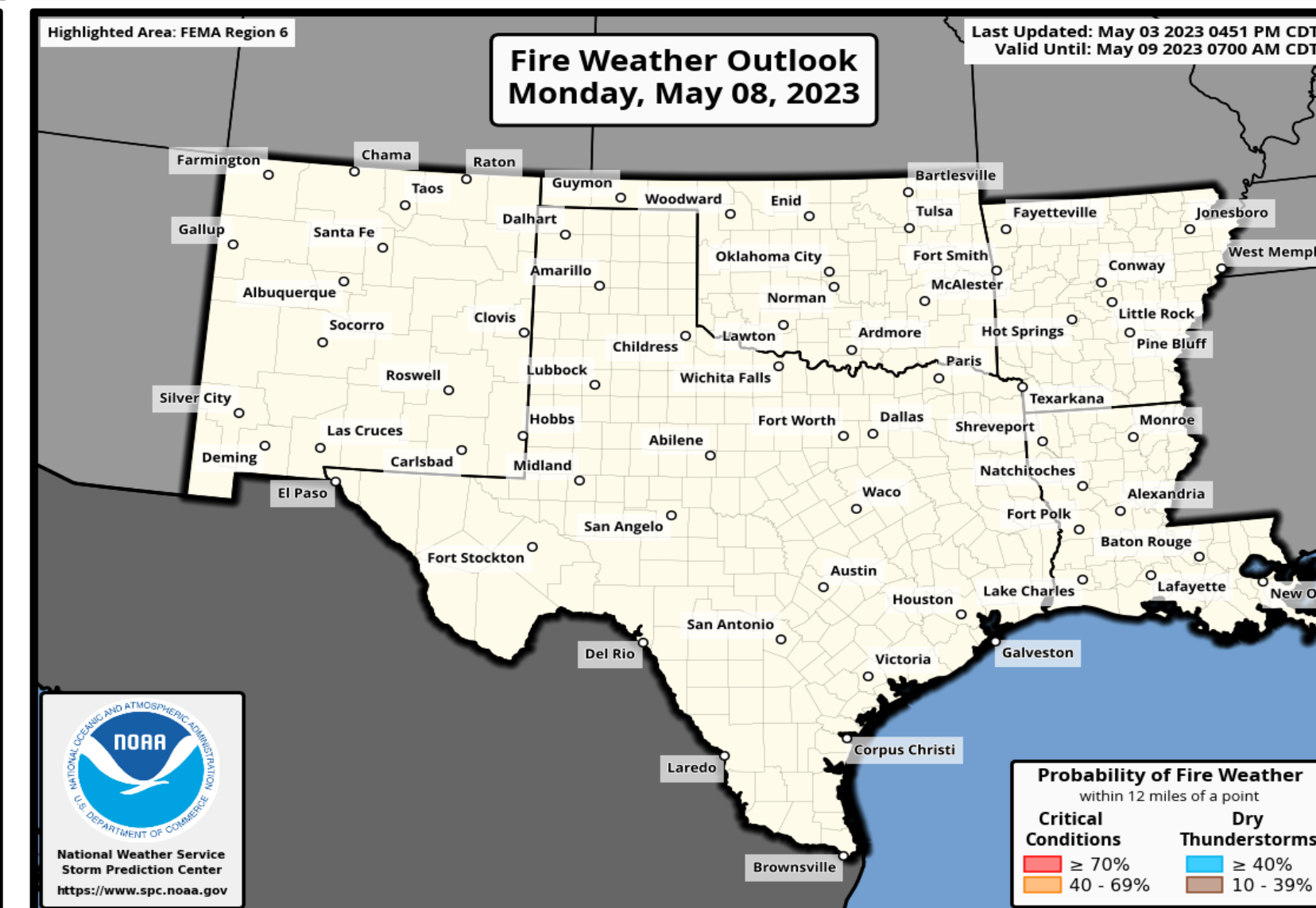
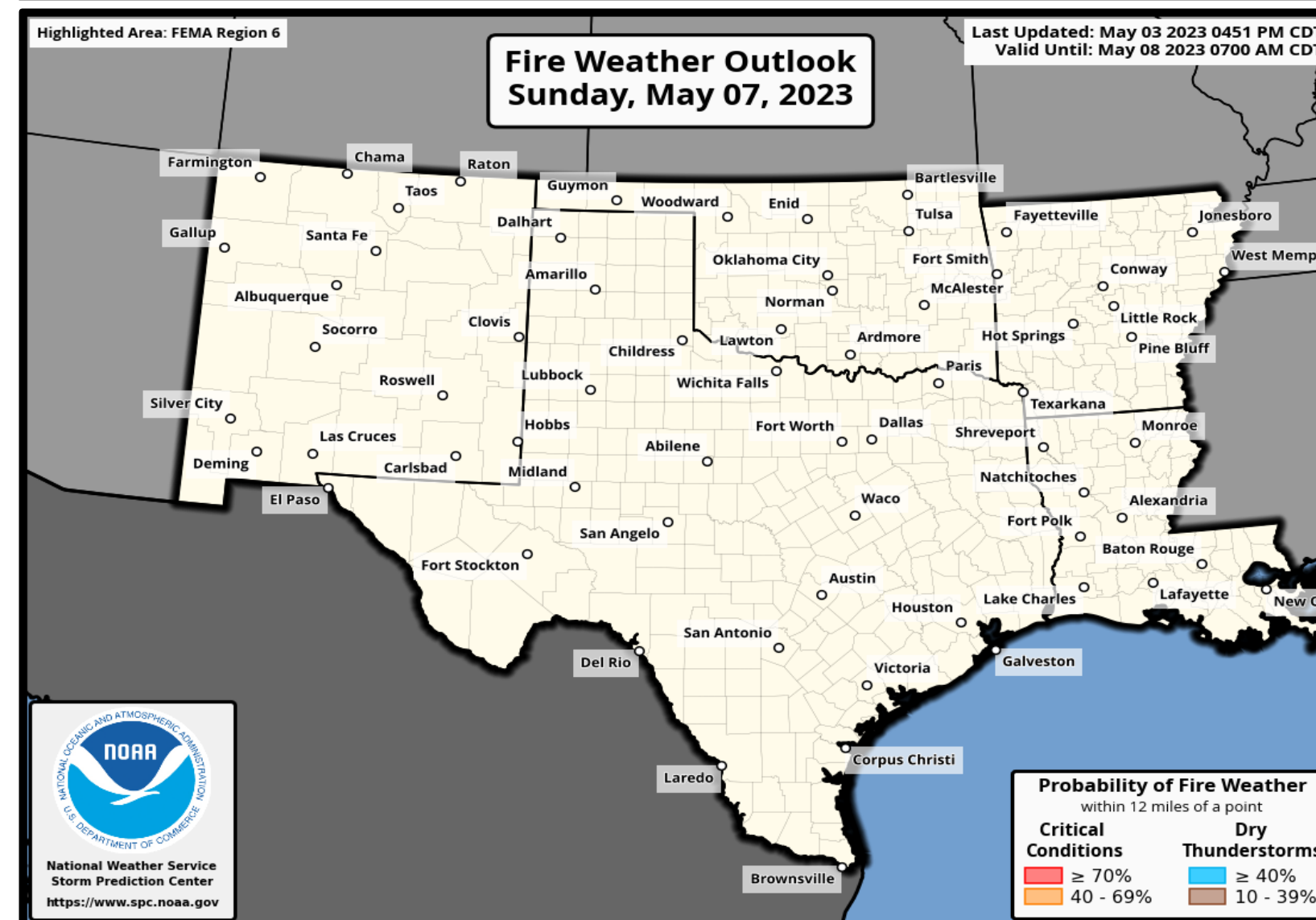
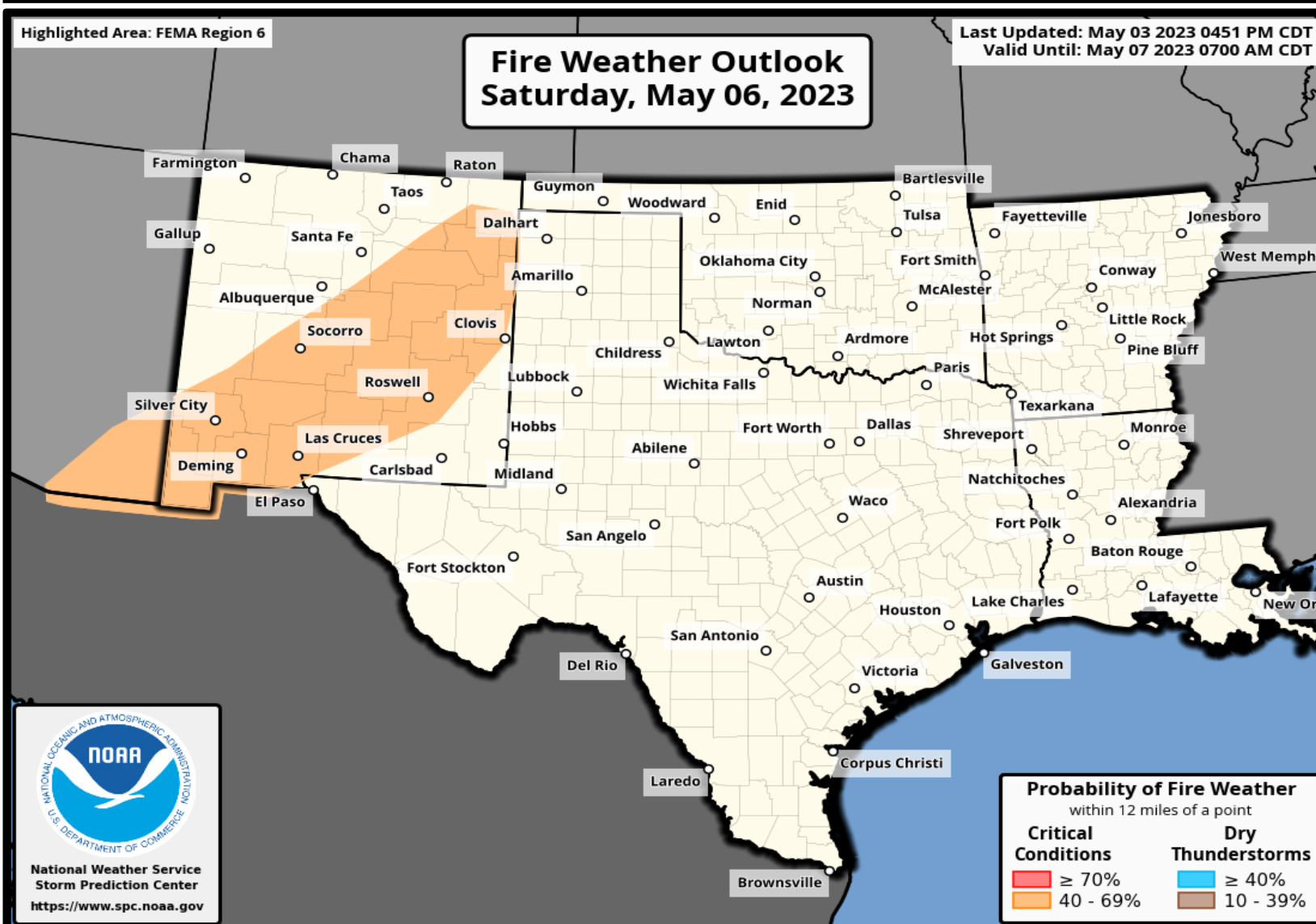
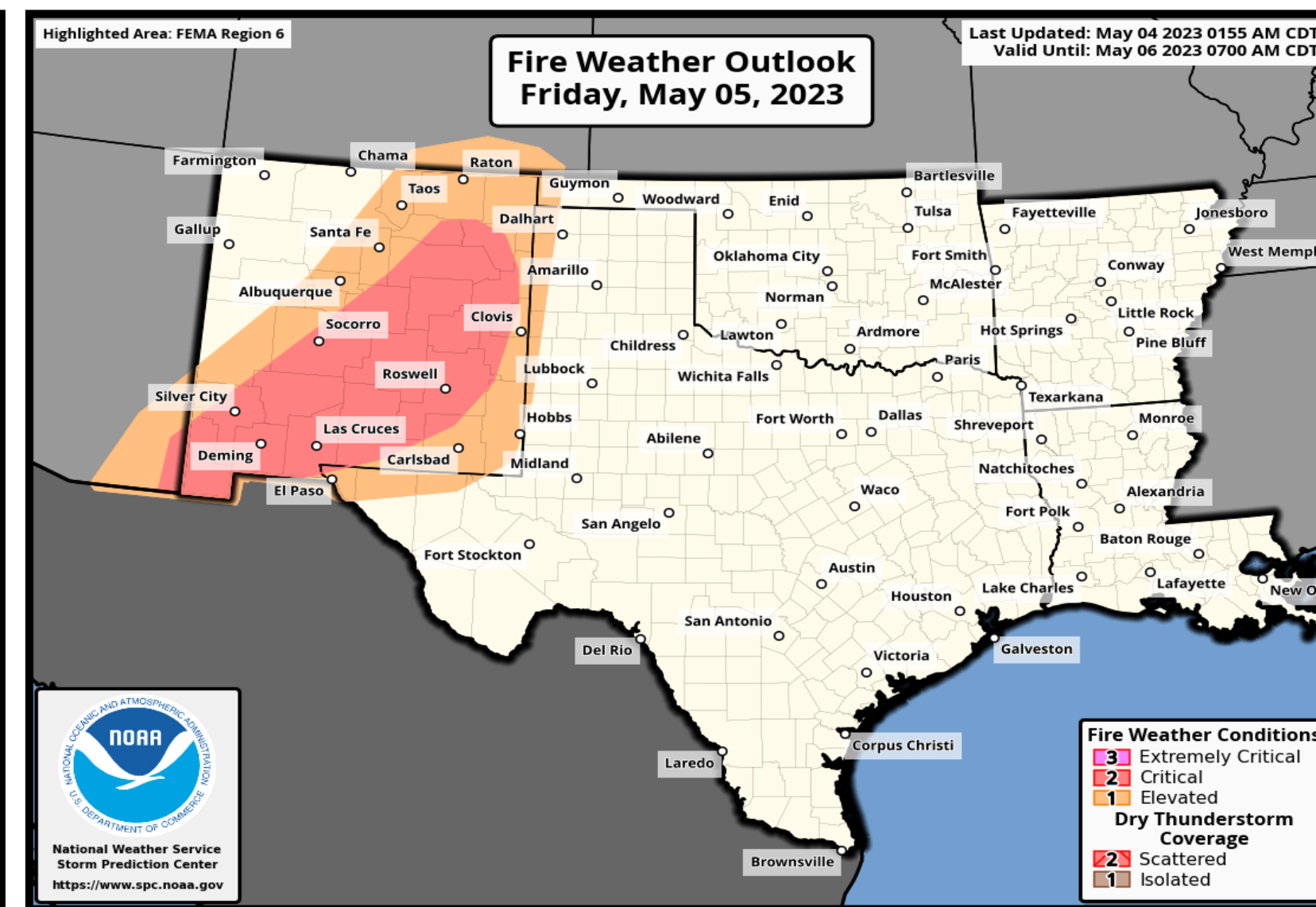
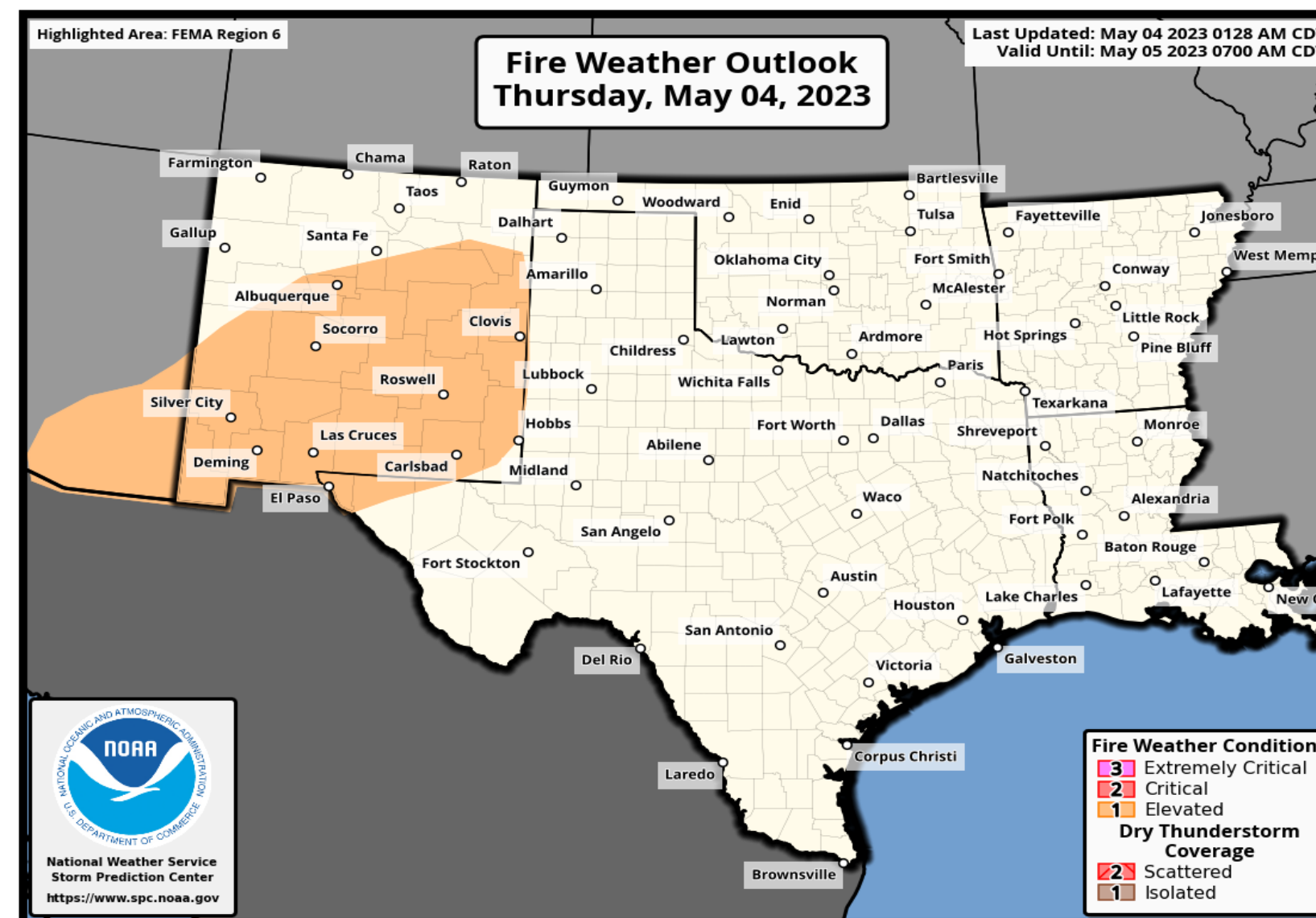
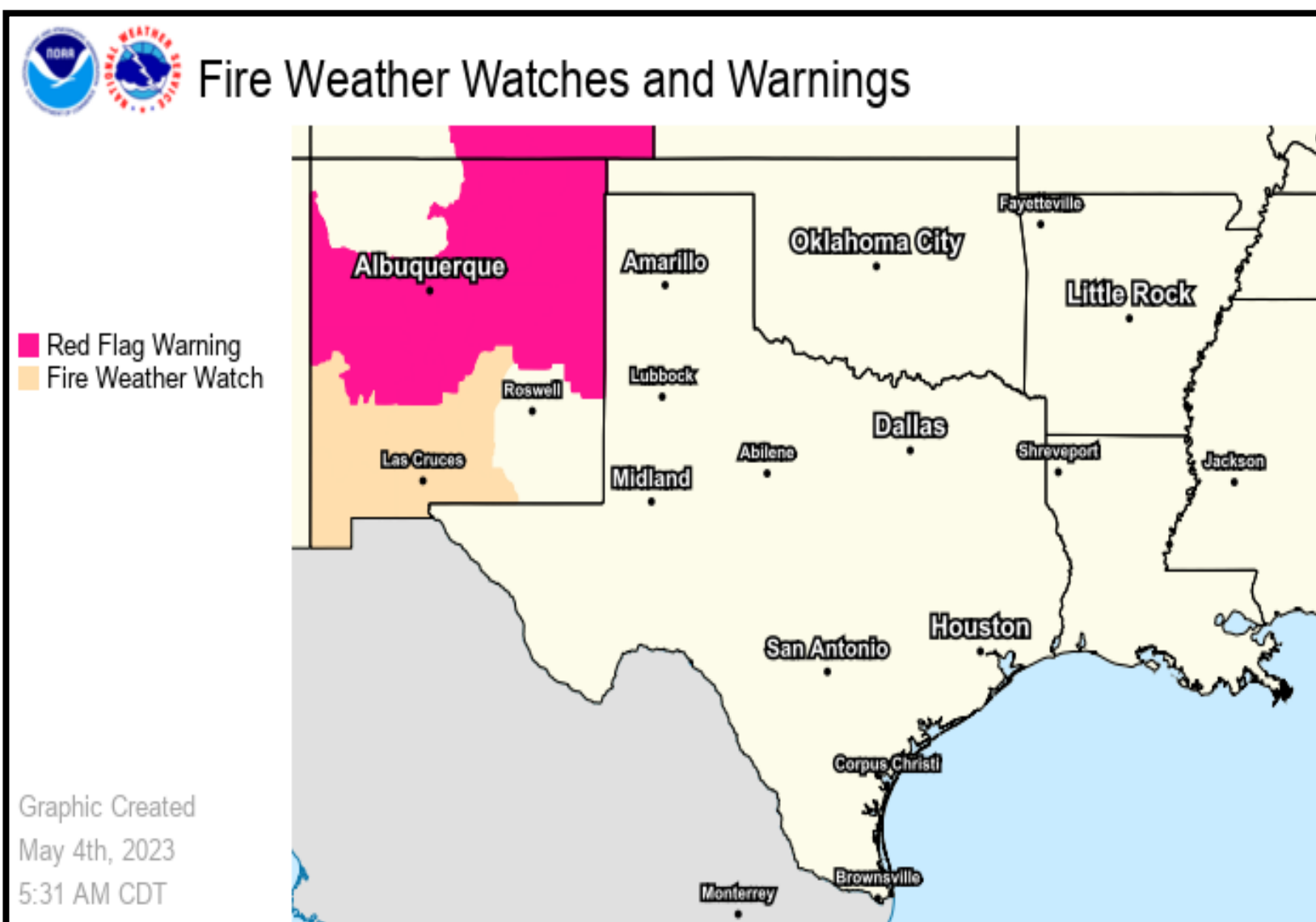
## Excessive Rainfall Outlook







# Fire Weather Outlooks

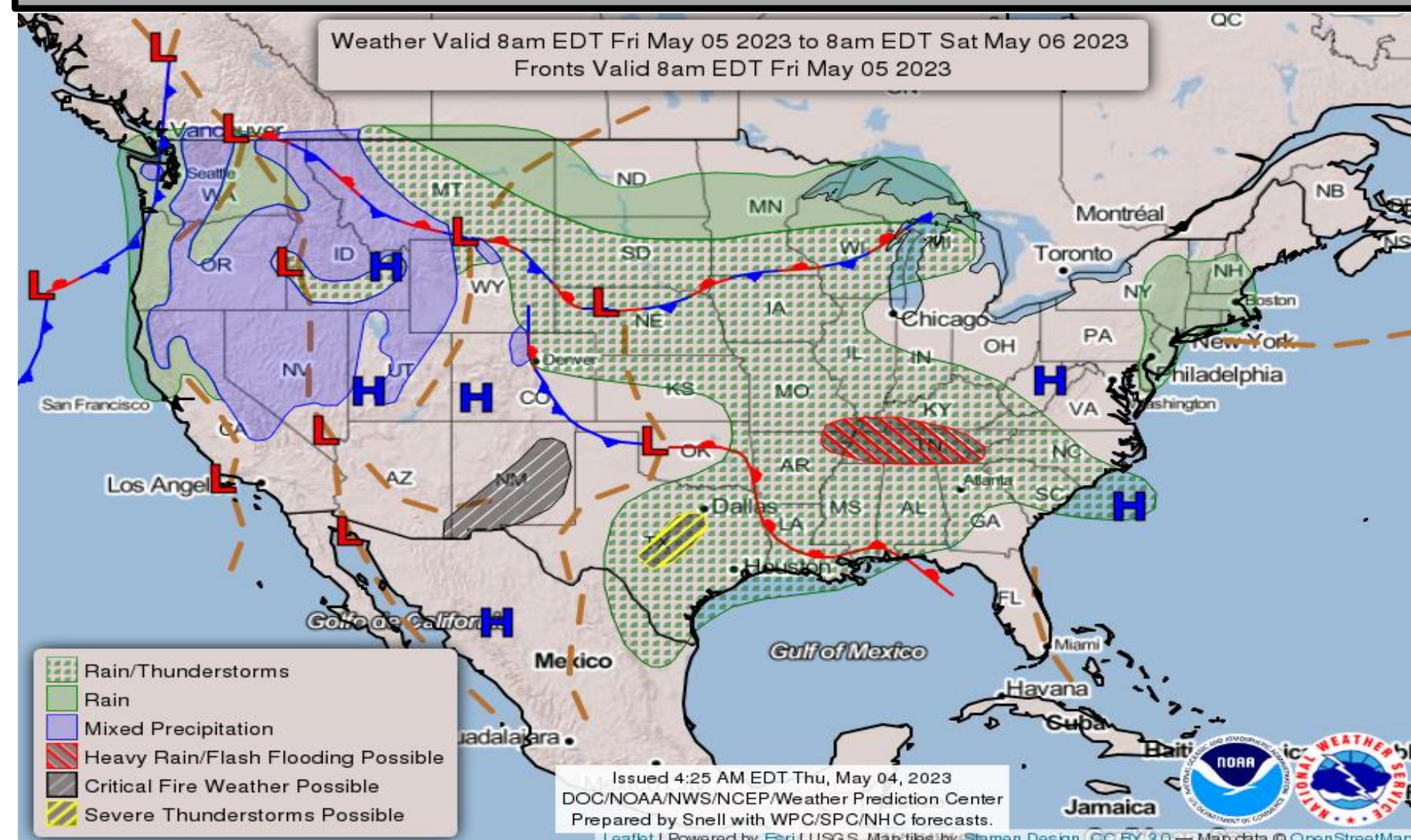




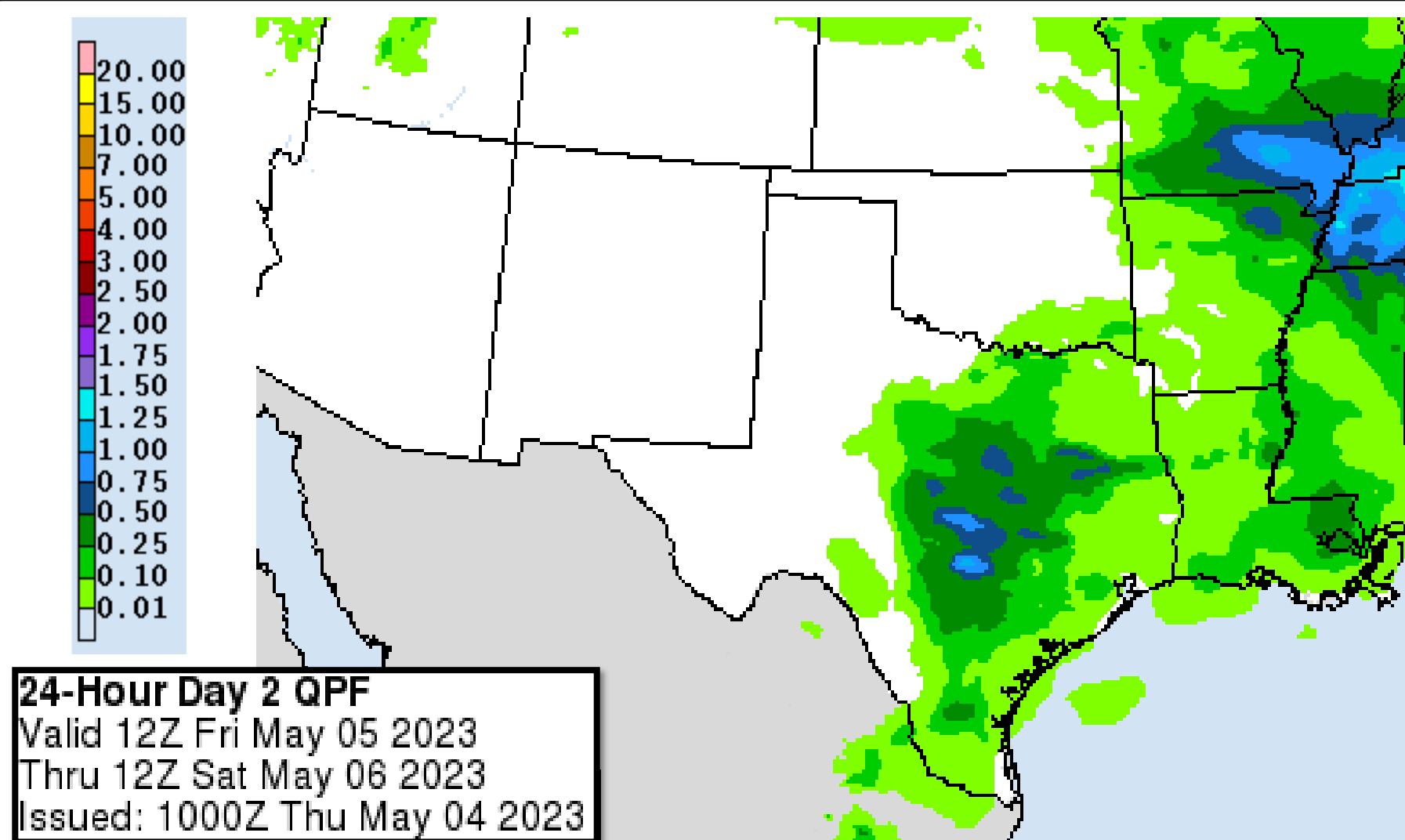


# Tomorrow's Weather

## Forecast Chart



## Forecast Rainfall

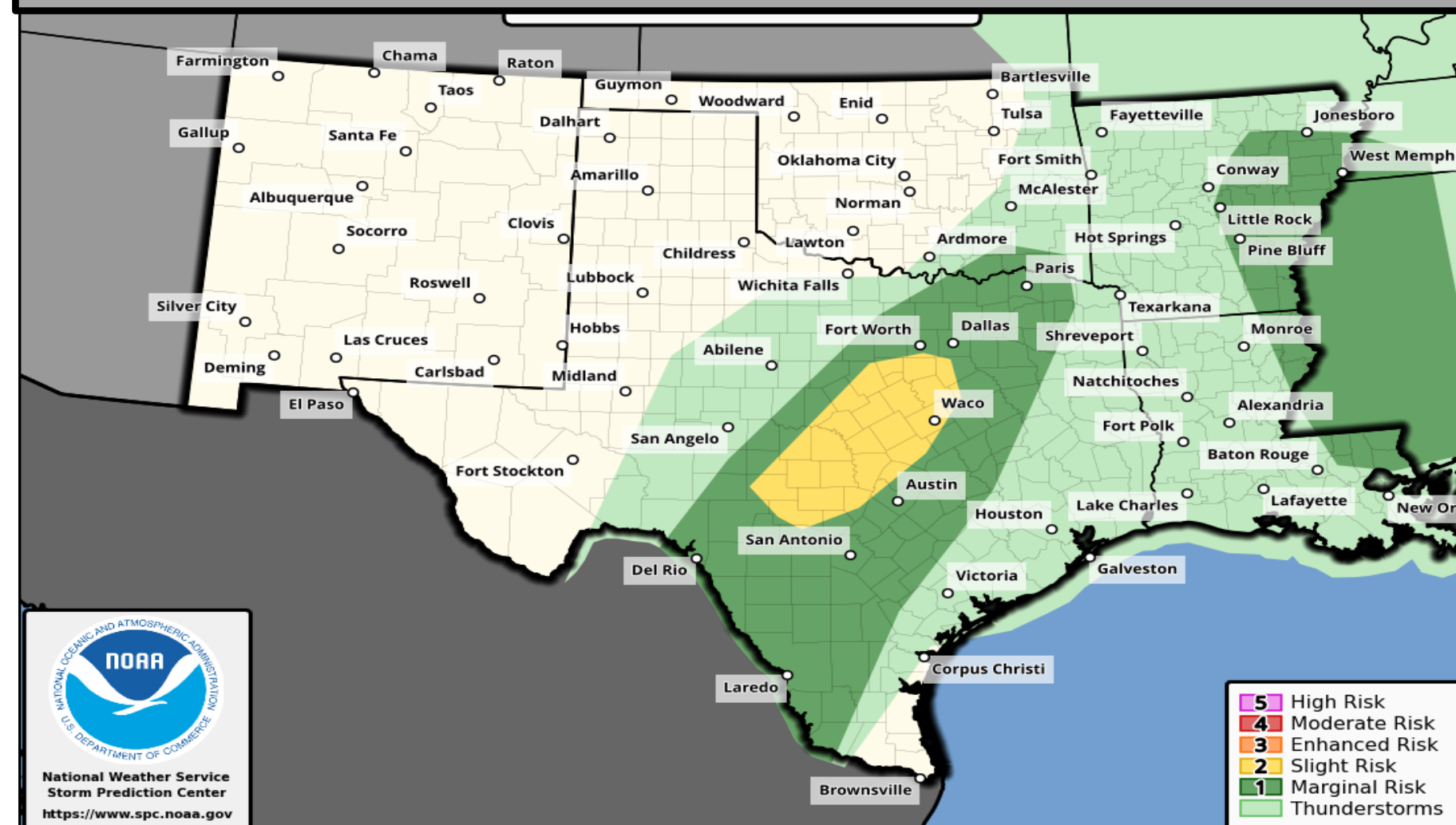


**Slight risk for isolated severe thunderstorms**

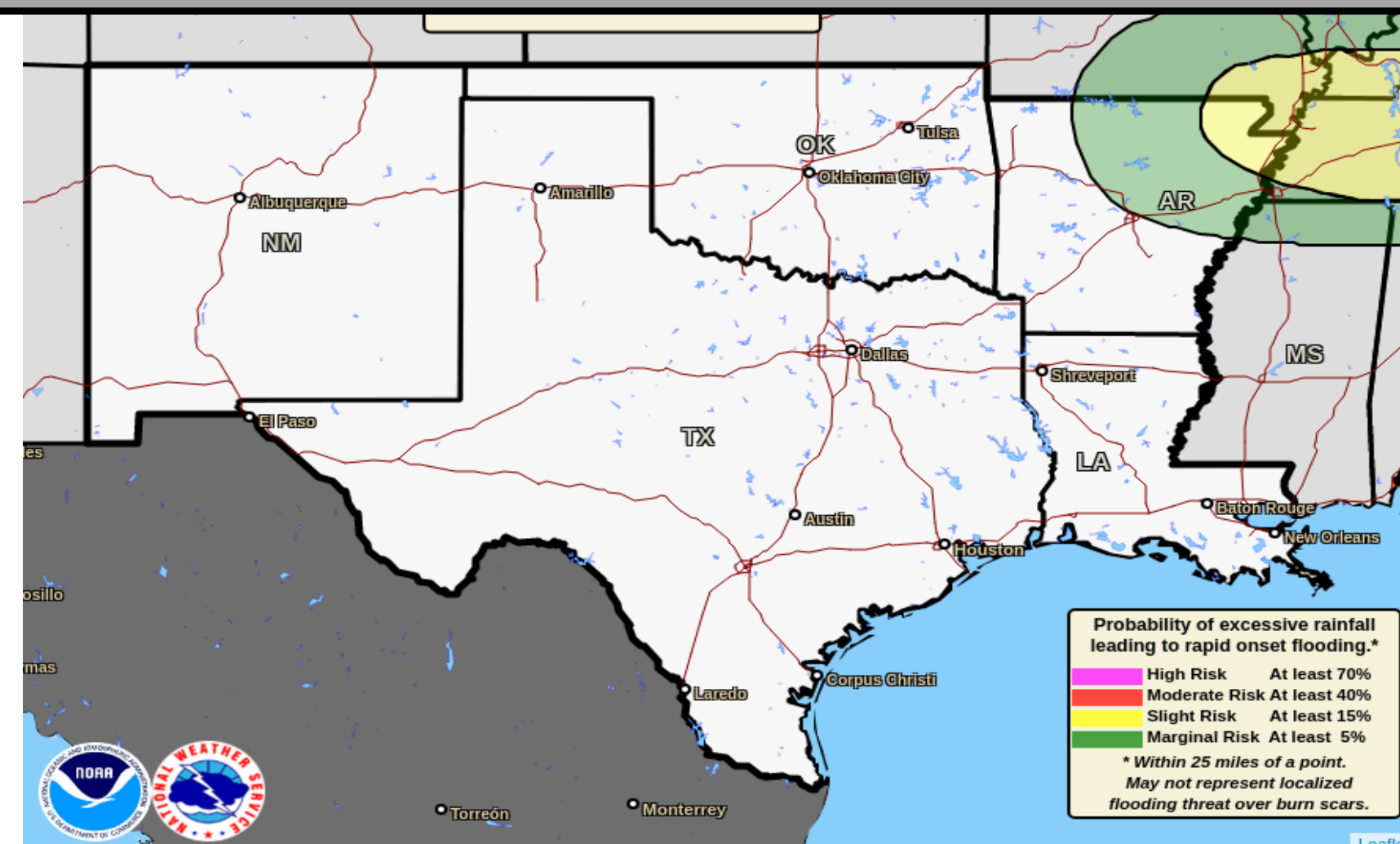
**Slight risk for heavy rain / isolated flash flooding in NE AR**

**Elevated to critical fire weather conditions in S/E NM**

## Severe Weather Outlook



## Excessive Rainfall Outlook

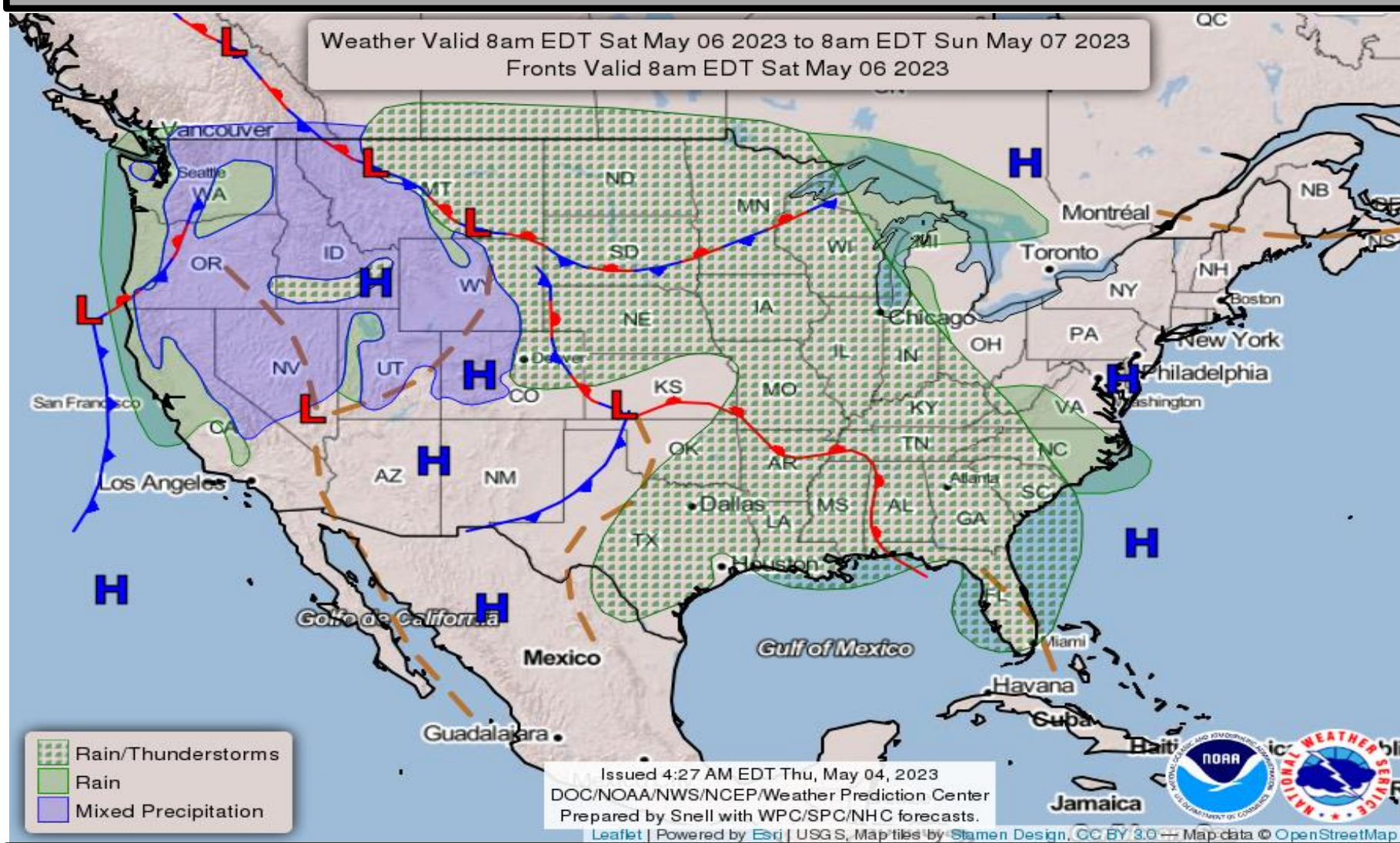




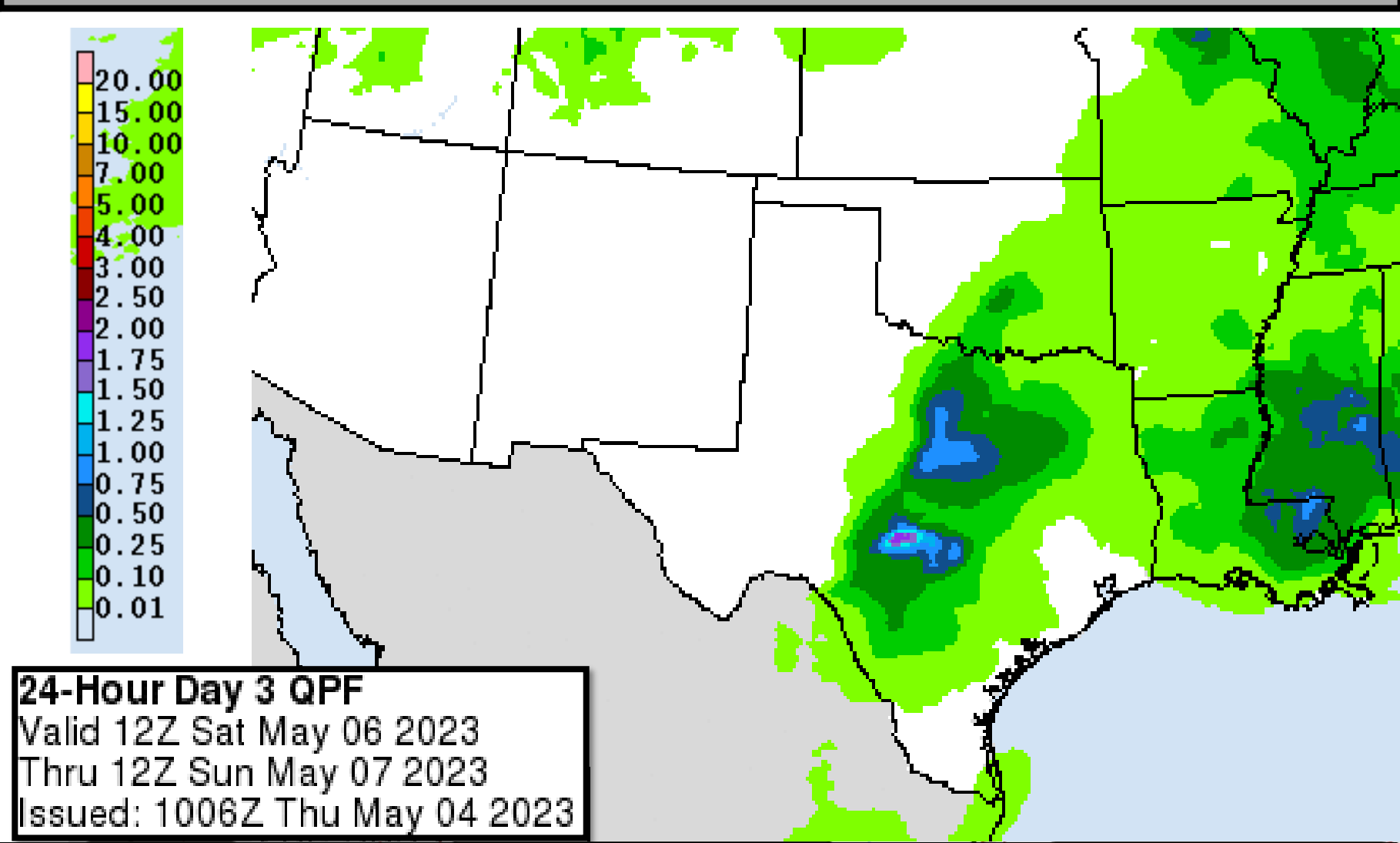


# Saturday's Weather

## Forecast Chart

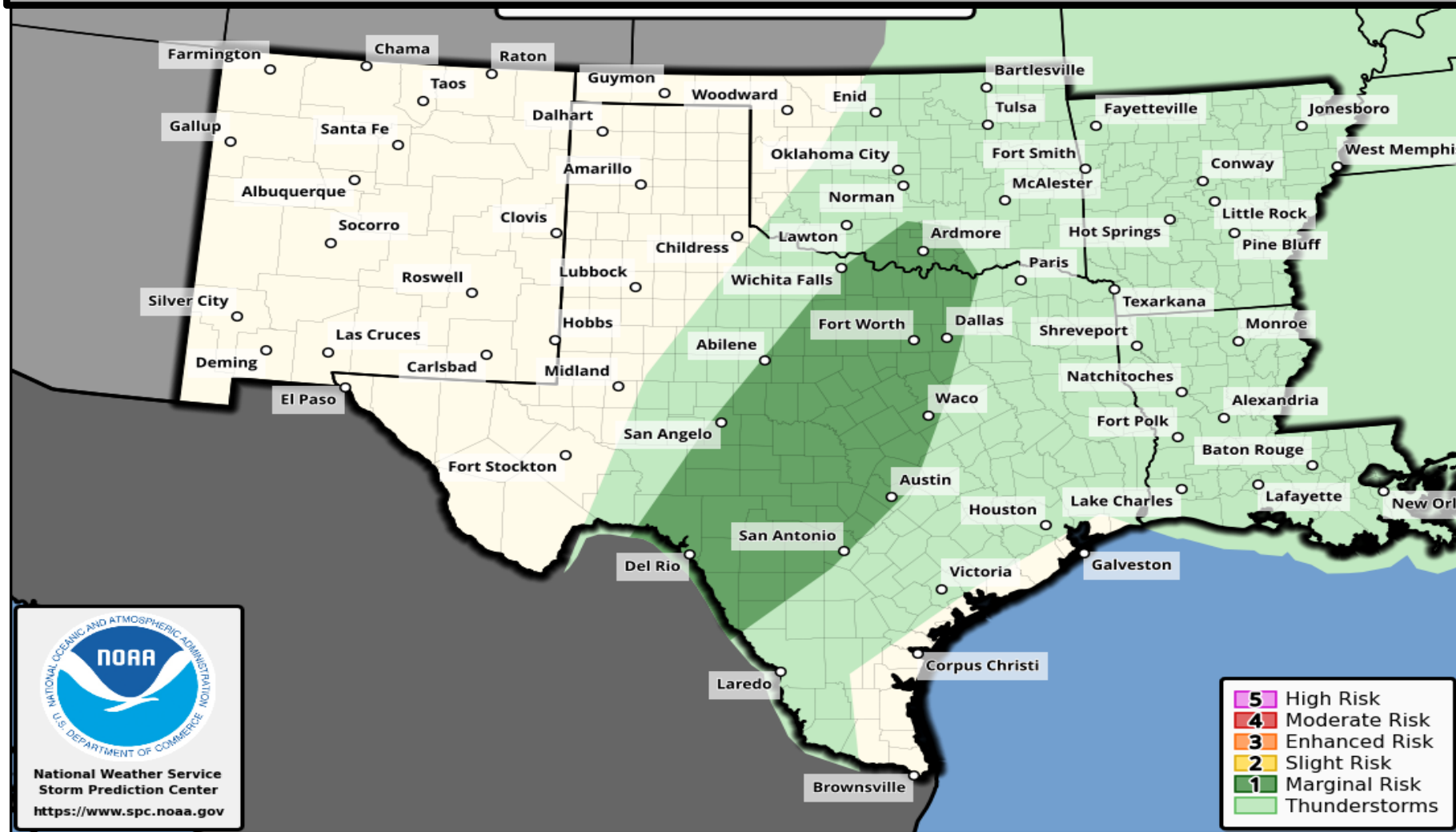


## Forecast Rainfall

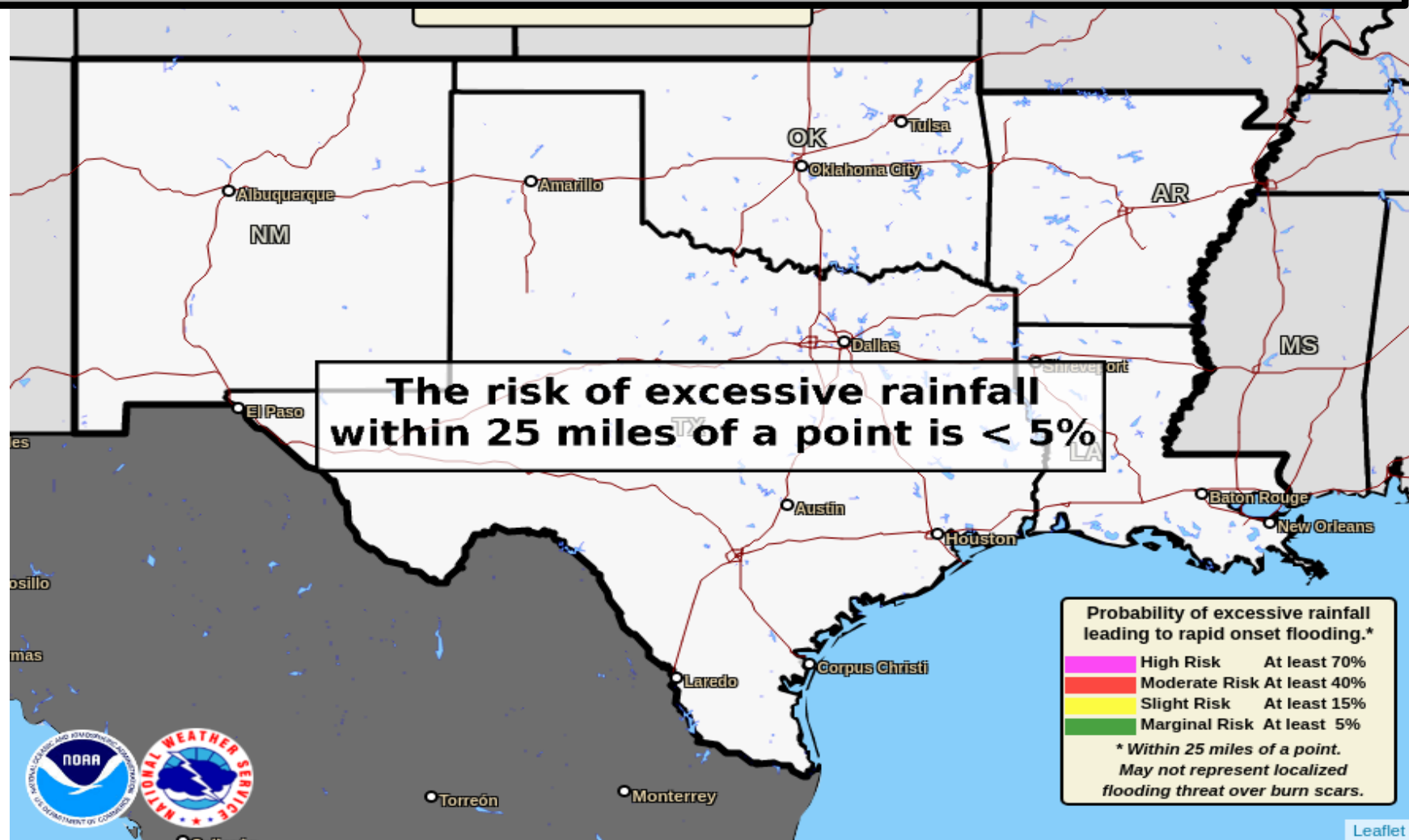


**Marginal risk for isolated severe thunderstorms from N-SW TX and S OK.**

## Severe Weather Outlook



## Excessive Rainfall Outlook



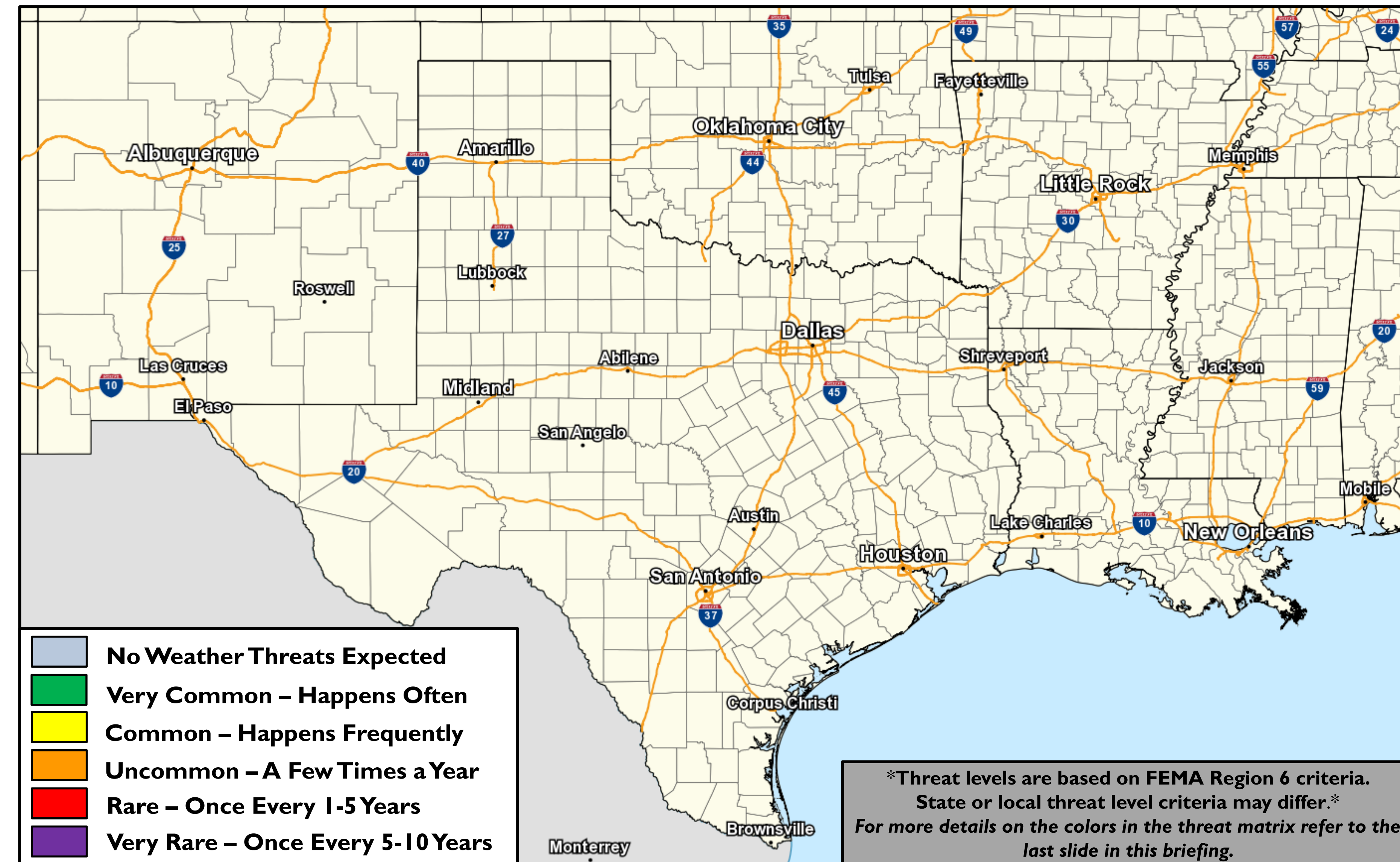




# Days 4-5 Weather Hazards

Sunday - Monday

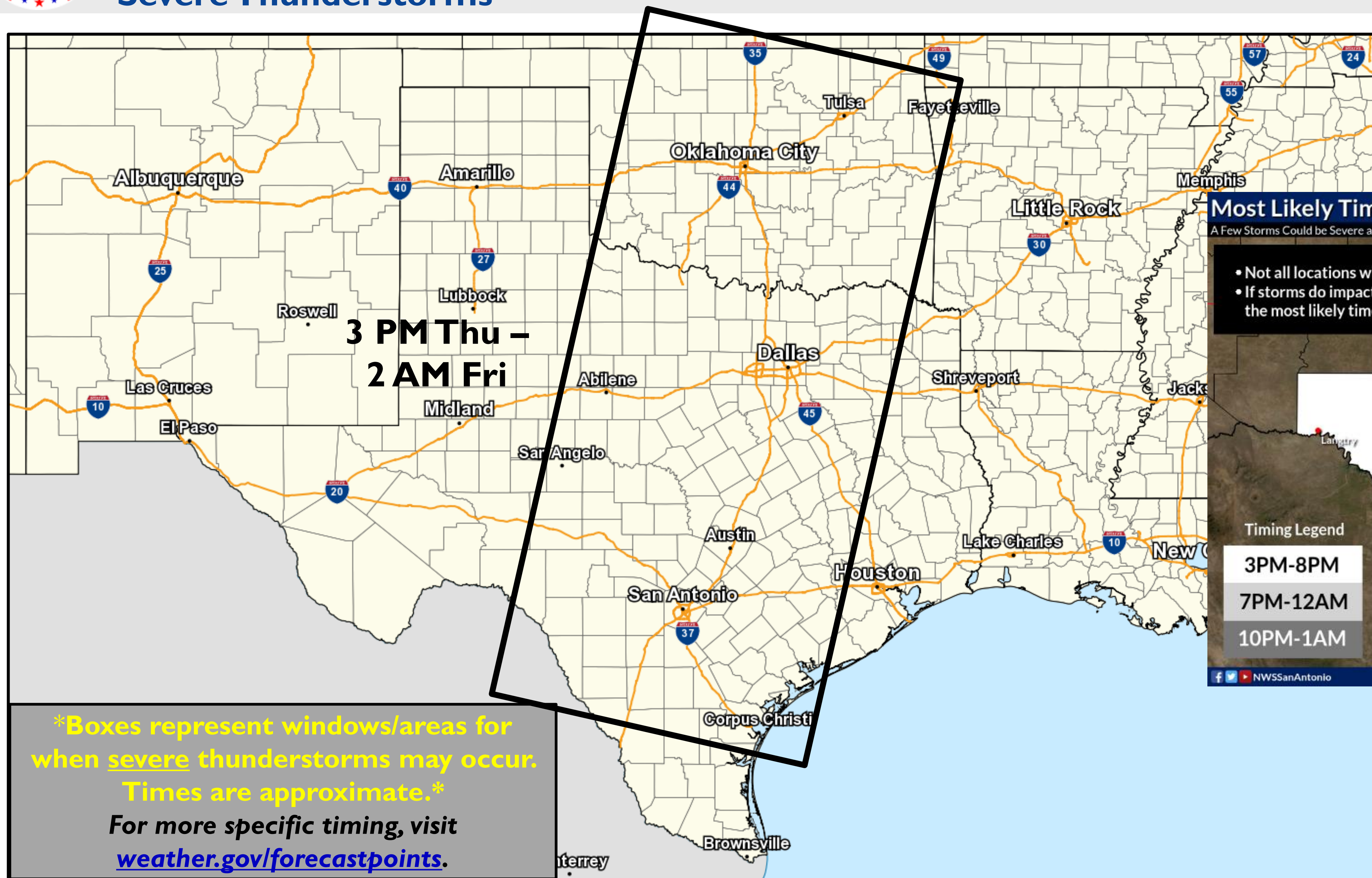
No significant weather impacts expected.







## Severe Thunderstorms



## Most Likely Timing for Storms Today

A Few Storms Could be Severe and Contain Locally Heavy Rainfall

Weather Forecast Office  
Austin/San Antonio, TX

Issued May 04, 2023 2:02 AM CDT

- Not all locations will experience storms
- If storms do impact your location this is the most likely time

### Timing Legend

3PM-8PM

7PM-12AM

10PM-1AM

   NWSSanAntonio

[weather.gov/ewx](http://weather.gov/ewx)

Last Updated: 5/4/2023 7:20 AM CT

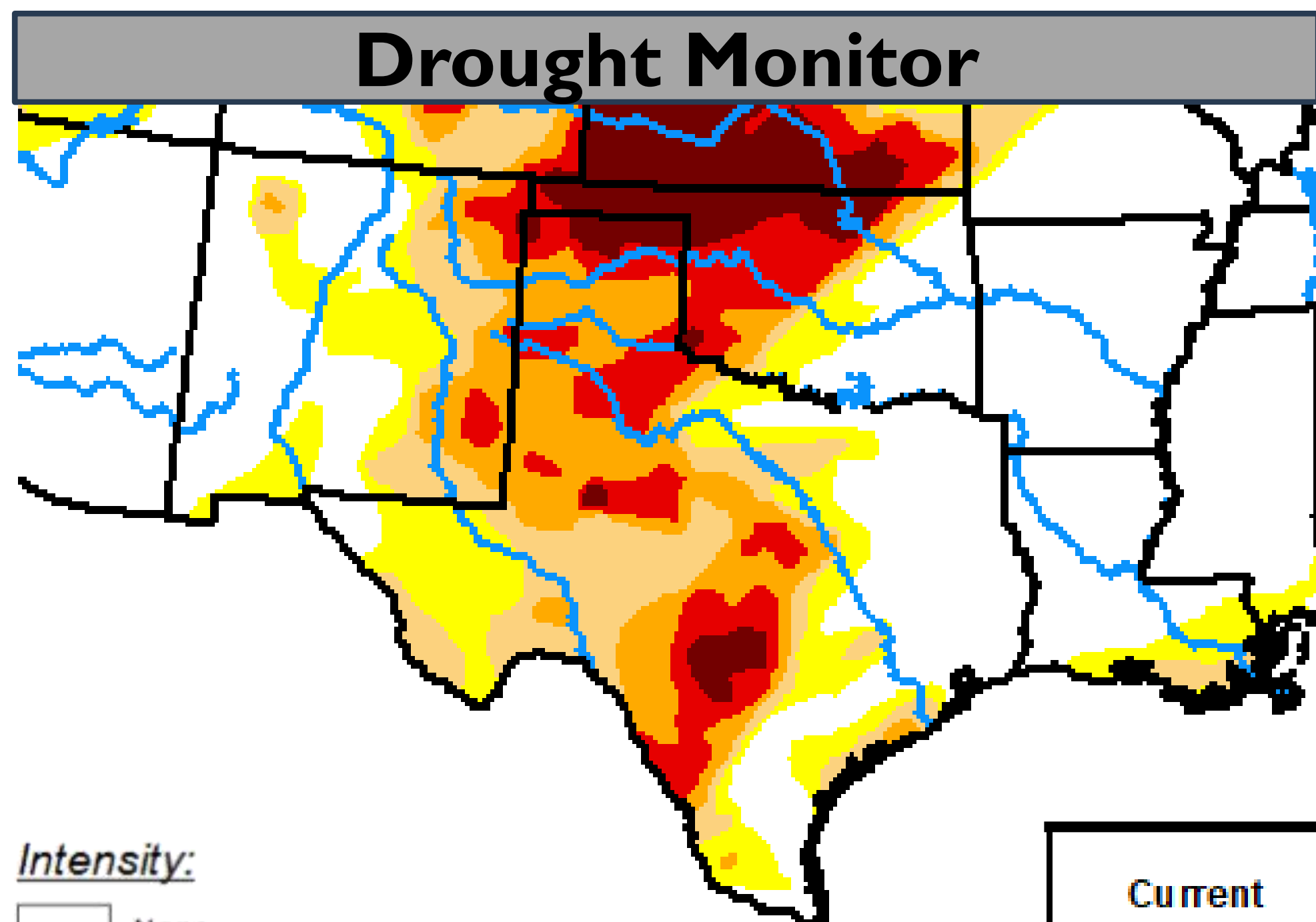
## National Weather Service – Southern Region ROC



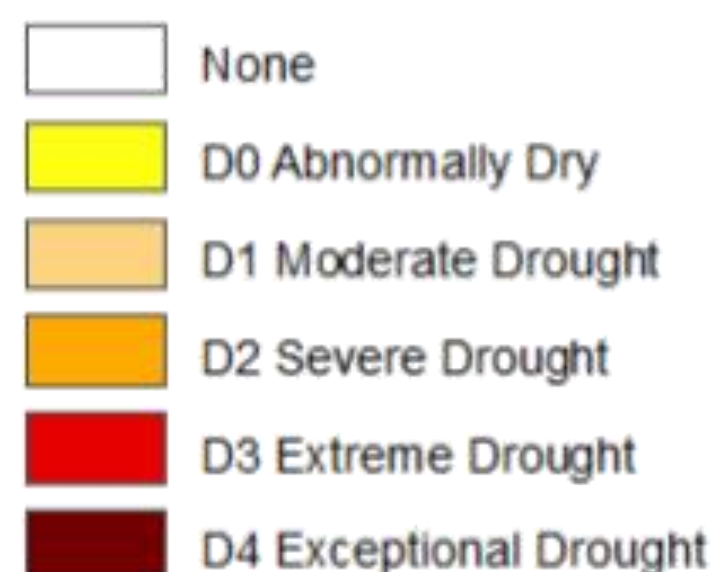


# Drought Monitor (Released May 4, 2023)

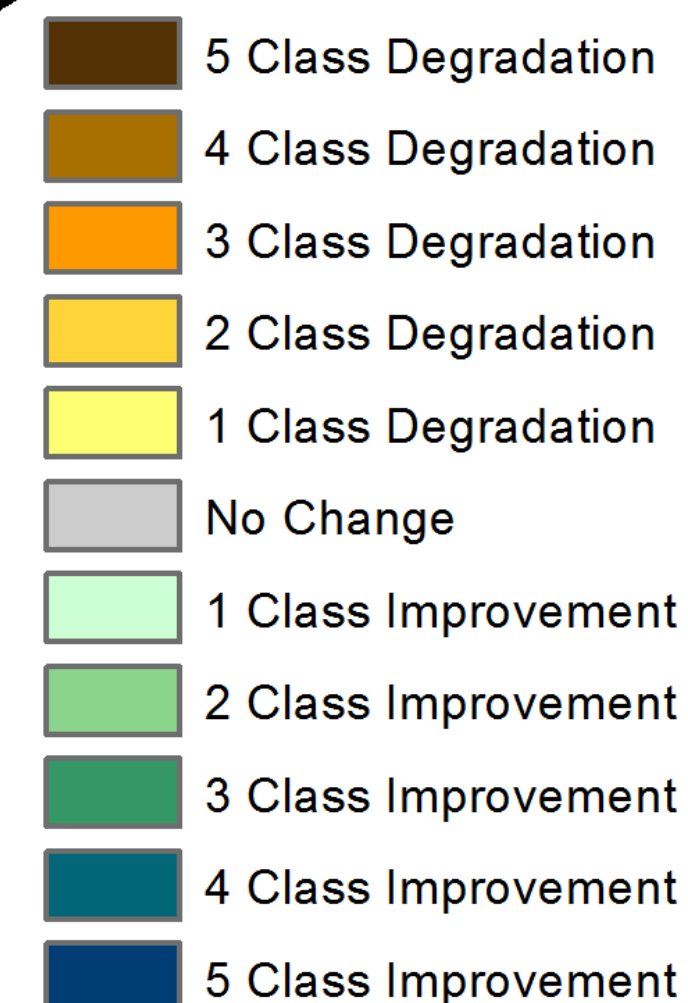
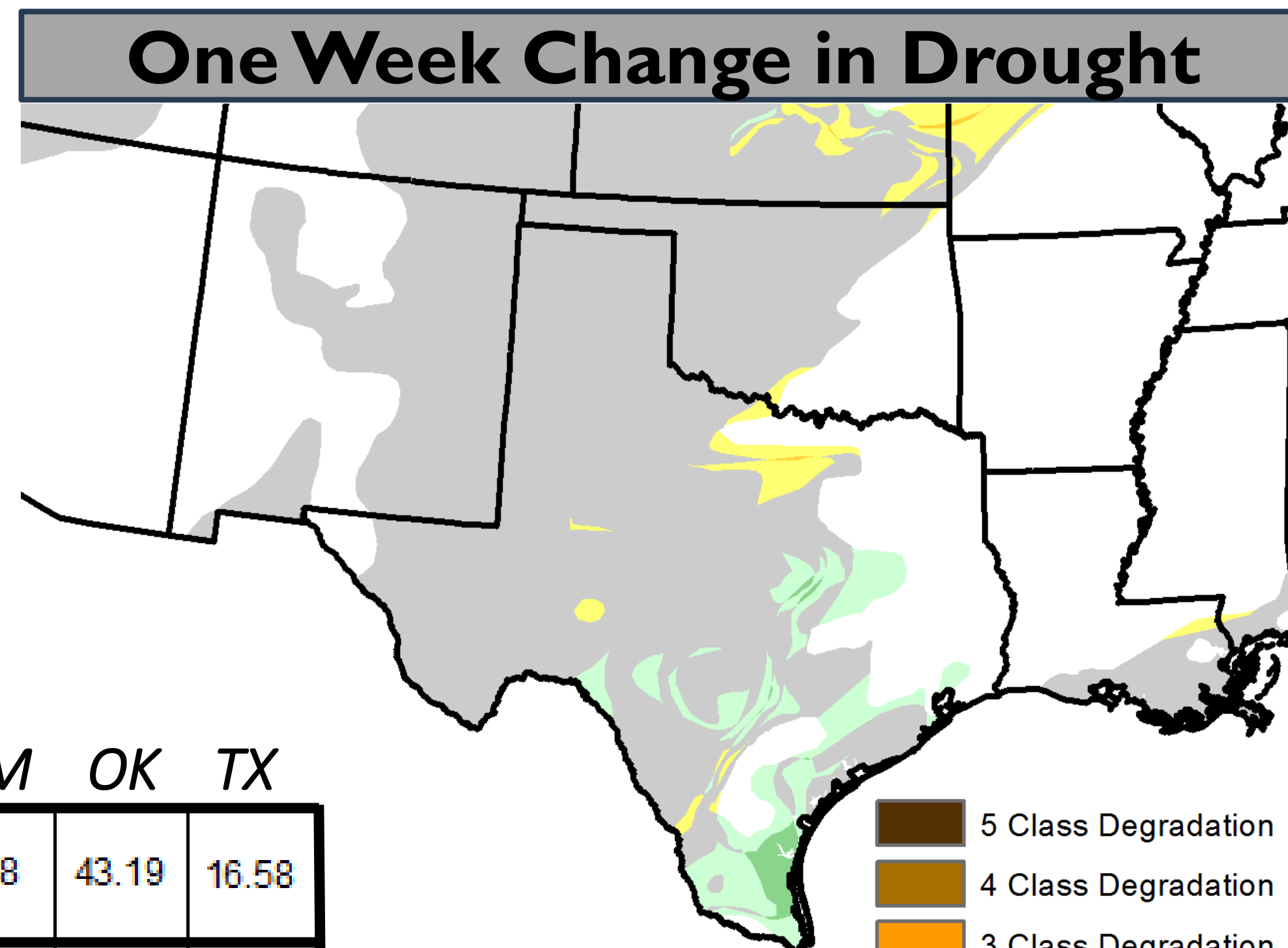
Data valid as of 8 am ET on Tuesday, May 2, 2023



## Intensity:



The Drought Monitor focuses on broad-scale conditions. Local conditions may vary. See accompanying text summary for forecast statements.



	AR	LA	NM	OK	TX
Current	0.00	0.00	4.18	43.19	16.58
Last Week 04-18-2023	0.00	0.00	4.18	43.03	17.67
3 Months Ago 01-24-2023	0.00	0.00	3.78	57.90	7.70
One Year Ago 04-26-2022	0.00	14.48	67.99	39.39	50.25

Drought Conditions (Percent Area)

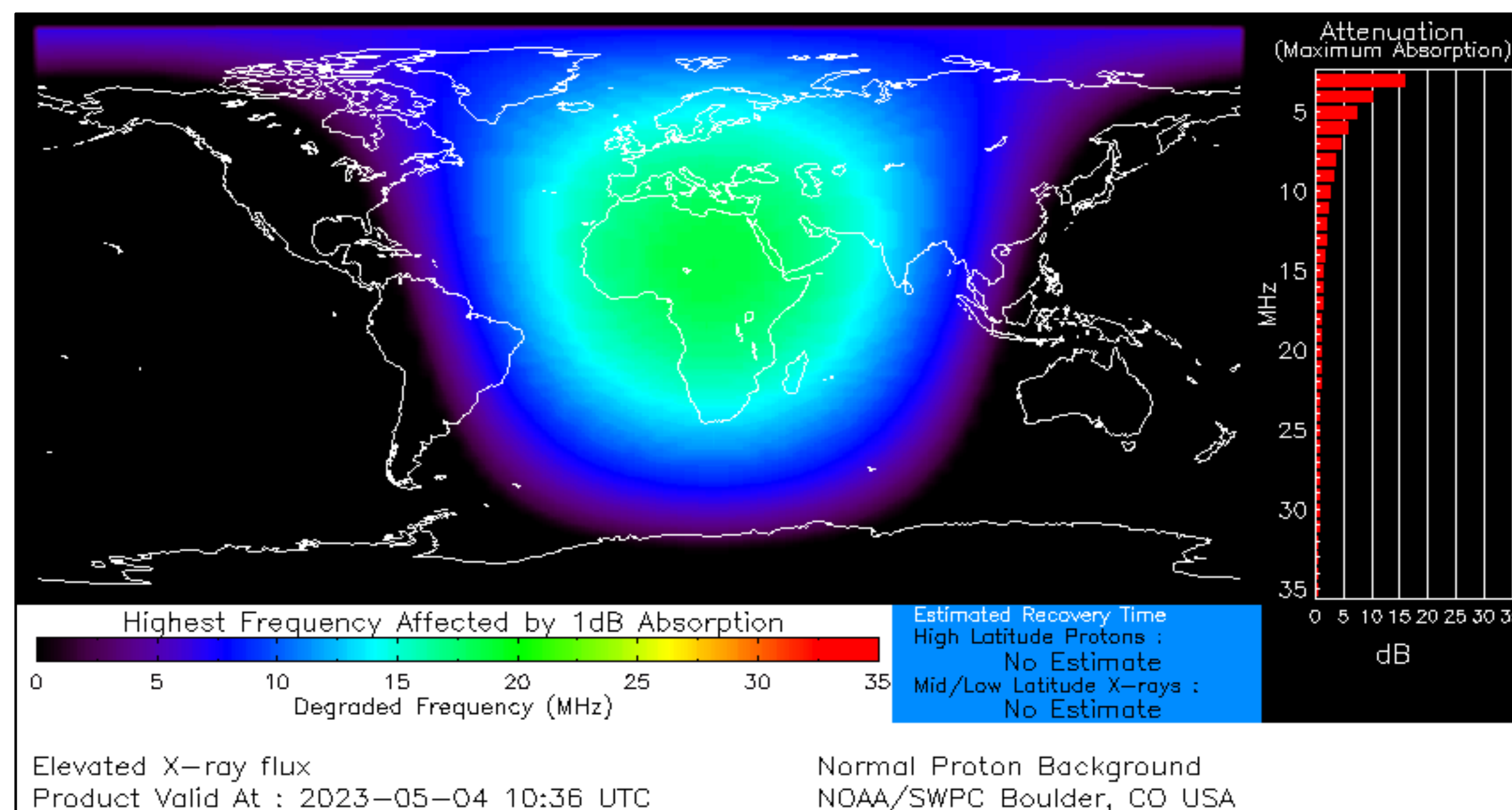
D3-D4 (Extreme to Exceptional Drought)





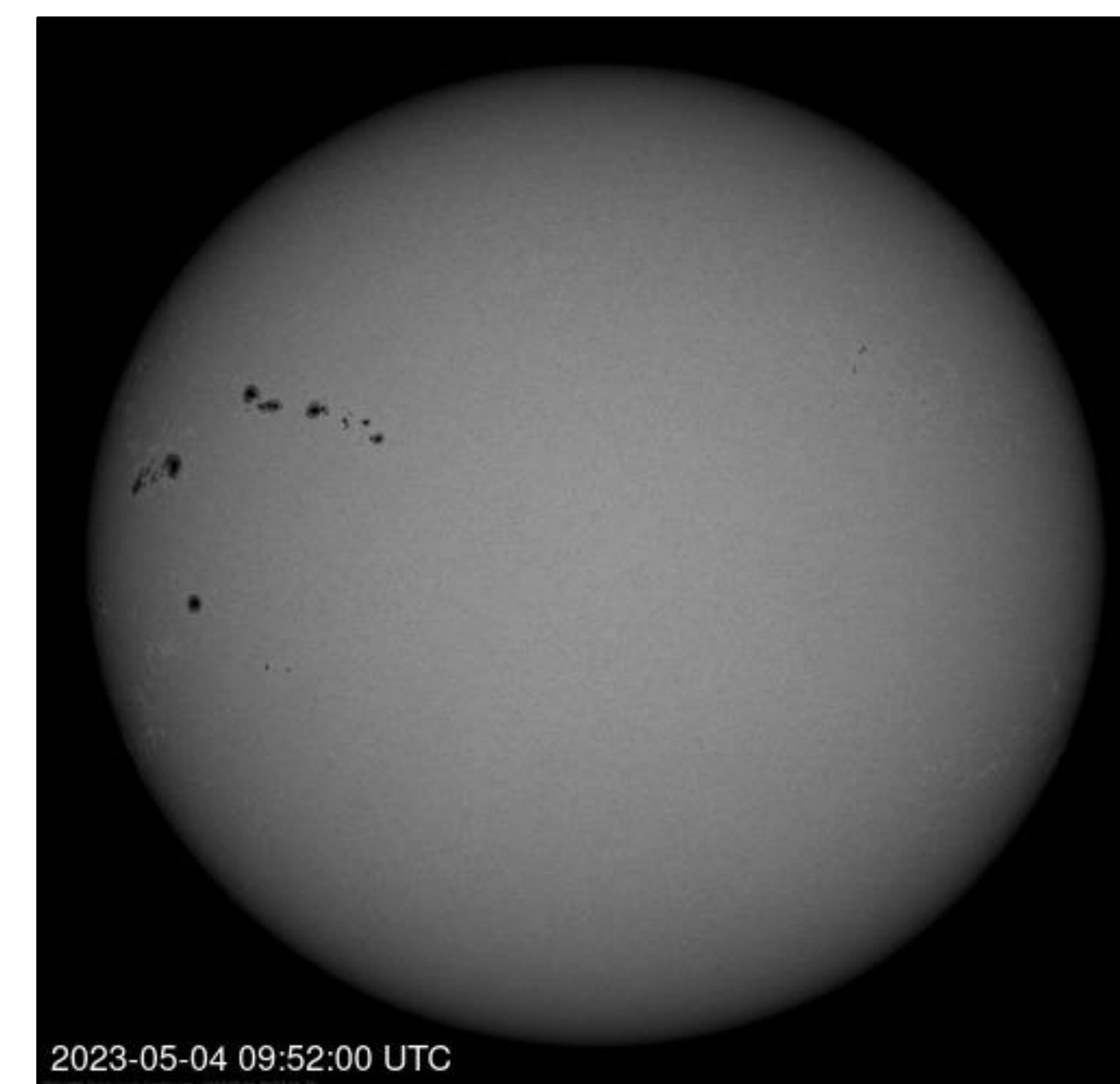
# Space Weather 3-Day Forecast

	Thursday	Friday	Saturday
<b>Geomagnetic Storms</b>	<b>Quiet (Max Kp = 2)</b>	<b>Quiet (Max Kp = 2)</b>	<b>Active (Max Kp = 4)</b>
<b>Solar Radiation Storm (S1-S5)</b>	<b>10%</b>	<b>5%</b>	<b>1%</b>
<b>Radio Blackout (R1-R2)</b>	<b>55%</b>	<b>55%</b>	<b>50%</b>
<b>Radio Blackout (R3-R5)</b>	<b>15%</b>	<b>10%</b>	<b>10%</b>



[Click here for a Description of the Space Weather Storm Scales](#)

[Click here for the Latest 3-Day Space Weather Forecast Text](#)







# For more information, please contact:

**National Weather Service**  
**Southern Region Headquarters**  
**Regional Operations Center**  
**Fort Worth, TX**

**Phone: (682) 703-3747**

**E-mail: [sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**

**Web: <http://www.weather.gov/srh>**





## Weather “Threat” Matrix for FEMA Region VI

Color	Definition	Criteria	Example(s)
Green	<b>Very Common</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Little Inconvenience to Daily Routines	Severe: Marginal Risk from SPC Flooding: Minor flooding expected over localized areas Tropical: None Fire Weather: No Watches/Warnings, fuel moisture above 10% or green up active	<ul style="list-style-type: none"> <li>Thunderstorms expected over LA this afternoon; a few may produce winds to knock down a few trees</li> <li>Something that happens almost every day in a particular season such as sea breeze storms in coastal TX</li> </ul>
Yellow	<b>Somewhat Common – Happens Frequently</b> Safety: Rarely a Direct Threat to Life and Property Impact Potential: Typically Results in Some Inconvenience to Daily Life	Severe: Slight Risk from SPC Flooding: Nuisance flooded expected for a widespread area, or Minor flooding expected over isolated areas Tropical: A weak tropical wave expected to move towards or near any coastline Fire Weather: Red Flag Watches/Warnings and/or SPC outlines enhanced or critical fire outlook	<ul style="list-style-type: none"> <li>2-3 inches of rainfall expected over central AR today and tonight; some minor (brief) street flooding possible</li> <li>Scattered severe storms possible, one or two tornadoes expected, along with reports of strong winds/wind damage and ~1” hail</li> </ul>
Orange	<b>Uncommon – A Few Times a Year</b> Safety: Often Threatening to Life and Property, Some Damage Unavoidable Impact Potential: Typically Results in Minor Disruption to Daily Life	Severe: Enhanced Risk from SPC Flooding: Minor flooding expected over a widespread area (including urban locations), or Moderate flooding expected over isolated areas Tropical: A Tropical Storm expected to move towards or near any coastline Fire: Critical fire outlook for more than 2 consecutive days, Warnings for 2 or more consecutive days, D3-D4 drought conditions	<ul style="list-style-type: none"> <li>A snow/sleet mix is expected to move through or near the DFW area tomorrow morning; travel impacts likely</li> <li>Numerous severe storms possible, a few tornadoes possible along with several reports of wind damage along with damaging hail</li> <li>Some large fires reported, burn bans advertised, critical conditions expected</li> </ul>
Red	<b>Rare – Once every 1-5 Years</b> Safety: Extensive Property Damage Likely, Life Saving Actions Also will be Needed Impact Potential: Will likely result in Large Disruption to Daily Life	Severe: Moderate Risk from SPC Flooding: Moderate flooding expected over a widespread area (including urban locations) Tropical: A Hurricane expected to move towards or near any coastline Fire: Large areas of critical conditions for 2 or more days, Warnings for 3 or more days, Severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 1 hurricane will be moving towards the NW Gulf in the next few days</li> <li>Widespread severe storms likely, strong tornadoes, widespread wind damage, and destructive hail</li> <li>Large fires ongoing throughout the area with critical fire weather conditions expected to continue</li> </ul>
Purple	<b>Very Rare – Once Every 5-10 Years</b> Safety: Property Damage Unavoidable, Immediate Action to Save Life will be Needed Impact Potential: Typically Results in Long-Lived Widespread Major Disruption to Daily Life	Severe: High Risk from SPC Flooding: Major flooding expected over a widespread area (including urban locations) Tropical: A Major Hurricane (Cat3 or greater) expected to move towards or near any coastline Fire: Large area of critical conditions for 2 or more days, Warnings for 3 or more days, Long term (months) of severe to extreme drought	<ul style="list-style-type: none"> <li>A Category 4 hurricane is headed towards the SE LA; major storm surge, flooding and damaging winds anticipated to begin tomorrow</li> <li>Widespread severe storms expected, tornado outbreak probable with long-lived, very widespread and particularly intense storms</li> </ul>

**Criteria for the color codes in this briefing is to the left, please provide any feedback to**

**[sr-srh.roc@noaa.gov](mailto:sr-srh.roc@noaa.gov)**